



# Prosil 40

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## 100% Neutral Cure Matt Silicone Sealant / Adhesive

### PRODUCT DESCRIPTION

Admil **Prosil 40** is a premium one part moisture curing, 100% calcium carbonate filled, high performance neutral cure silicone sealant (oxime) designed to give superior adhesion and durability in a wide range of materials and applications.

It will bond to form a strong weatherproof seal on most common building materials such as: glass, cement, concrete, ceramic, steel, aluminium, brick, concrete, most plastics etc. Weathering and UV resistance is excellent and its superior physical properties are retained over many years exposure.

### ADVANTAGES

**Prosil 40** has excellent adhesion properties superior to most other silicones and will adhere to most common building materials including : Glass, aluminium, concrete, plastics, wood, masonry and most powder coated surfaces.10 minute skin time

- 5-10 minute skin time
- Matt Colours
- Movement capability + 25%
- Superior Adhesion
- Will not corrode metals

### APPLICATIONS

**Prosil 40** is ideal in glazing applications where a matt finish is required:

- General purpose glazing, colonial bars, and structural butt joints.
- Suitable for expansion joints and saw cuts in concrete floors and blockwork.
- Weather-sealing of high rise buildings, Installation of solar panels.
- It is also often used in truck and caravan assembly due to its excellent adhesion.

### LIMITATIONS

**Prosil 40** is not recommended for use:

- On submerged joints where porous substrates permit water to the bond interface.

- For certain rubber products where bleeding of plasticiser may occur, check with us if unsure.
- In aquarium construction and structural glazing. (Admil recommends **Prosil 20** acetic for aquarium applications).

### TYPICAL PROPERTIES

PROPERTY	VALUE
Method	Neutral (Oxime) 100%
Sag/Slump	No Slump
Hardness (ASTM D2240 / ASTM C 661)	48 Shore A
Tensile Strength KGF/cm <sup>2</sup> (MPA)	>8 (0.8)
Dynamic Joint Movement (ASTM C 719)	+/- 25%
Elongation	>250%
Skin Time @ 20°C & 50% RH (ASTM C 679)	5-10 Minutes
Cure Time 10mm @ 25°C & 50% RH	3-5 Days
Operating Temperature Range	-40 to 140°C
Specific Gravity	1.40

Values given in this list should not be used as specifications. All Data based on samples cured for 21 days @23oC and 50% R.H.

## **SURFACE PREPARATION**

All surfaces must be clean, dry, sound, and free from dust, oil, rust, or any other contamination. Metals should be cleaned with a non-oily solvent soaked clean cloth. Solvent should be wiped from the surface with a clean dry cloth. Use an alcohol such as methylated spirits on glass. When used on remedial work all existing sealant must be removed.

## **APPLICATION INSTRUCTIONS**

Cut nozzle at a sharp angle slightly wider than the desired bead. Extrude sealant with a gun and tool with a round spatula within 10 minutes to spread the sealant against the joint surfaces.

## **PACKAGING**

Admil **Prosil 40** is available in 300ml (420g) Cartridges & 600ml (840g) Sausages

## **COLOURS**

Prosil 40 is a calcium carbonate filled material and is available in White, Grey & Black

## **STORAGE**

12 months from date of manufacture if stored below 28°C

## **HEALTH AND SAFETY**

This product emits Methyl Ethyl Ketoxime whilst curing, which is hazardous. Use in well-ventilated areas, and avoid breathing vapours.

Contact with uncured product will irritate eyes. In case of eye contact immediately flush with Water for 15 minutes and seek medical advice.

Avoid contact with skin or clothing.

Keep out of reach of children



## Prosil 40 Technical Data Sheet

**Admil Prosil 40 MSDS available upon request**

### **Notice**

The information given and the recommendations made herein apply to our product(s) alone and not combined with any other product (s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchasers' responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.